

Catalogue of the described species of North American HYMENOPTERA.

BY E. T. CRESSON.

(Continued from page 238.)

Fam. BEMBECIDÆ.

BEMBEX Latr.

- americana* Fabr. Ent. Syst. 2, p. 250. *Dahlb.* Hymen. Europ. 1, p. 183. N. Amer.
carolina Fabr. Entomologia Systematica, 2, p. 249. Carolina.
fasciata Fabr. Systema Piezatorum. p. 224. Carolina.
longirostra Say, Boston Journal of Natural History, vol. 1, p. 366. Mexico.
monodonta Say, Long's Second Expedition, vol. 2, p. 335. Pennsylvania.
Spinolæ St. Farg. Hyménoptères, 3, p. 277. North America.
spinosa Fabr. Entomologia Systematica, Suppl. p. 260. Amer. Insulis (W. Ind?).

MONEDULA Latr.

- insularis* Dahlb. Hymenoptera Europæa, 1, p. 186. St. Thomas.
Montezuma Smith, British Museum Catalogue, Hym. 4, p. 334. Mexico.
pictifrons Smith, British Museum Catalogue, Hym. 4, p. 335. North Carolina.
4-fasciata Say, Long's Second Expedition, vol. 2, p. 336. Pennsylvania.
Sallei Guér. Iconographie du Règne Animal, 3, p. 437. New Orleans.
ventralis Say, Long's Second Expedition, vol. 2, p. 337. Pennsylvania.
vigilans Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

STIZUS Latr.

- grandis* Say, West. Quar. Rep. 2, p. 77. American Entomology, pl. 2. Arkansa.
Hogardii Latr. Gen. Crust. et Ins. 4, 100: t. 13, f. 12. Sm. B. M. C. 4, 336. W. Indies.
unicinctus Say, West. Quar. Rep. 2, 77. American Entomology, pl. 2. Arkansa.

Fam. SPIEGIDÆ.

POMPILUS Latr.

- algidus* Smith, British Museum Catalogue, Hym. 3, p. 158. North America?
americanus Beauv. Ins. Afr. et Amér. p. 117; Hym. pl. 3, fig. 6. United States.
anceps Smith, Trans. Entom. Soc. London, 3rd series, vol. 1, p. 36. Panama.
apiculatus Smith, British Museum Catalogue, Hym. 3, p. 157. Mexico.
architectus Say, Boston Journal of Natural History, vol. 1, p. 303. Ohio.
atramentarius Dahlb. Hymenoptera Europæa, 1, p. 48. North America.
atroviolaceus Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
atrox Dahlb. Hymenoptera Europæa, 1, p. 63. South Carolina.
biguttatus Fabr. Entomologia Systematica, Suppl. p. 249. North America.
bipartitus St. Farg. Hyménoptères, 3, p. 439. Philadelphia.
calipterus Say, Boston Journal of Natural History, vol. 1, p. 302. Indiana.

- cornicus* Say, (Miscus) Boston Journal of Natural History, vol. 1, p. 305. Indiana.
coruscus Smith, British Museum Catalogue, Hym. 3, p. 156. St. Domingo.
debilis Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
ephippiger Smith, British Museum Catalogue, Hym. 3, p. 158. North America.
erythrus Smith, British Museum Catalogue, Hym. 3, p. 156. Jamaica.
fascipennis Say, Long's Second Expedition, 2, p. 332. United States.
ferrugineus Dahlb. Hymenoptera Europæa, 1, p. 63. North America.
flammpennis Smith, British Museum Catalogue, Hym. 3, p. 155. St. Domingo.
formosus Say, West. Quar. Rep. 2, p. 76. American Entomology, pl. 42. N. Amer.
fuscipennis St. Farg. Hyménoptères, 3, p. 434. Philadelphia.
lepidus Say, Boston Journal of Natural History, vol. 1, p. 304. Mexico.
maculipennis Smith, British Museum Catalogue, Hym. 3, p. 159. North America.
marginatus Say, Long's Second Expedition, vol. 2, p. 333. North-west Territory.
mellipes Say, Boston Journal of Natural History, vol. 1, p. 304. Indiana.
mixtus Fabr. Entomologia Systematica, Suppl. p. 248. Americæ Insulis (W. Ind?).
pallidicornis Smith, British Museum Catalogue, Hym. 3, p. 160. Florida.
petiolatus Say, (Miscus) Boston Journal of Natural History, vol. 1, p. 305. Indiana.
Philadelphicus St. Farg. Hyménoptères, 3, p. 423. Philadelphia.
plebejus Dahlb. Hymenoptera Europæa, 1, p. 60. North America.
5-notatus Say, Boston Journal of Natural History, vol. 1, p. 304. Indiana.
senilis Fabr. Systema Piezatorum, p. 188. Americæ Insulis (West Indies?).
solicitus Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
sordidus Smith, British Museum Catalogue, Hym. 3, p. 160. North America.
speirapterus Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
tarsatus Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
terminatus Say, American Entomology, plate 42. Arkansas.
trifasciatus Beauv. Insects Afr. et Amér. p. 118, Hym. pl. 3, fig. 7. United States.
unifasciatus Say, American Entomology, plate 42. Pennsylvania.
vafer Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

MISCUS Jurine.

- stygius* Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

PRIOCNEMIS Schiödt.

- nebulosus* Dahlb. Hymenoptera Europæa, 1, p. 96. South Carolina.

AGENIA Schiödt.

- cærulescens* Dahlb. Hymenoptera Europæa, 1, p. 93. South Carolina.
fulvipes Dahlb. Hymenoptera Europæa, 1, p. 92. Pennsylvania. South Carolina.

ANOPLIUS St. Farg.

- funereus* St. Farg. Hyménoptères, 3, p. 449. Philadelphia.

FERREOLA St. Farg.

- sanguinea* Smith, British Museum Catalogue, Hym. 3, p. 170. Georgia.

APORUS Spin.

- fasciatus* Smith, British Museum Catalogue, Hym. 3, p. 175. United States.

PARAPOMPILUS Smith.

Naomi Smith, British Museum Catalogue, Hym. 3, p. 177. St. Domingo.

CEROFALES Latr.

apicalis Say, Boston Journal of Natural History, vol. 1, p. 366. Indiana.
bipunctata Say, Long's Second Expedition, vol. 2, p. 334. United States.
denticulata Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
fasciata Say, Long's Second Expedition, vol. 2, p. 333. United States.
ferruginea Say, Long's Second Expedition, vol. 2, p. 334. United States.
fraterna Smith, British Museum Catalogue, Hym. 3, p. 180. United States.
interrupta Say, Boston Journal of Natural History, vol. 1, p. 365. Indiana.
longipes Smith, British Museum Catalogue, Hym. 3, p. 179. Georgia.
piciventris Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

HEMIPEPSIS Dahlb.

ustulata Klug. Dahlb. Hymenoptera Europæa, 1, p. 123. Mexico.

PEPSIS Fabr.

castanea Beauv. Insectes Afr. et Amér. p. 95, Hym. pl. 2, fig. 4. St. Domingo.
Domingensis St. Farg. Hyménoptères, 3, p. 477. St. Domingo.
elegans St. Farg. Hyménoptères, 3, p. 489. Pennsylvania.
luteicornis Fabr. Systema Piezatorum, p. 214. Beauv. Ins. Hym. pl. 1, f. 5. Carolina.
marginata Beauv. Ins. Afr. et Amér. p. 94; Hym. pl. 2, figs. 2 & 3. St. Domingo.
Montezuma Smith, British Museum Catalogue, Hym. 3, p. 199. Mexico.
obscura St. Farg. Hym. 3, 490. Smith, Tr. Ent. Soc. London, 3d ser. 1, 36. Panama.
ornata St. Farg. Hym. 3, 486. LaSagra, Hist. Cuba. Cuba.
prismatica Smith, British Museum Catalogue, Hym. 3, p. 200. Mexico.
quadrata St. Farg. Hyménoptères, 3, p. 478. St. Domingo.
saphirus Beauv. Insectes Afr. et Amér. p. 39, Hym. pl. 1, fig. 4. St. Domingo.
Sommeri Dahlb. Hymenoptera Europæa, 1, p. 465. Mexico.
speciosa Beauv. Insectes Afr. et Amér. p. 95; Hym. pl. 2, fig. 5. St. Domingo.
sulphureicornis Beauv. Ins. Afr. et Amér. p. 95; Hym. pl. 2, fig. 6. St. Domingo.
T Beauv. Insectes Afr. et Amér. p. 117; Hym. pl. 3, fig. 5. U. States. St. Domingo.

AMMOPHILA Kirby.

aberti Hald. Stansbury's Salt Lake Expedition, Append. vol. 2, p. 368. Ft. Gates.
apicalis Guér. Iconographie du Règne Animal, 3, p. 435; tab. 70, fig. 3. Cuba.
arvensis St. Farg. Hyménoptères, 3, p. 384. North America.
atriceps Smith, British Museum Catalogue, Hym. 4, p. 221. Mexico.
breviceps Smith, British Museum Catalogue, Hym. 4, p. 221. Mexico.
cementaria Smith, British Museum Catalogue, Hym. 4, p. 223. Florida. Georgia.
conditor Smith, British Museum Catalogue, Hym. 4, p. 223. Florida.
fulvicaulis Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
gracilis St. Farg. Hyménoptères, 3, p. 381. Mexico.
Gryphus Smith, British Museum Catalogue, Hym. 4, p. 222. North America.
intercepta St. Farg. Hyménoptères, 3, p. 378. North America.
luctuosa Smith, British Museum Catalogue, Hym. 4, p. 224. N. Scotia. California.
lugubris Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

nigricans *Dahlb.* Hymenoptera Europæa, 1, p. 14. South Carolina.
placida *Smith*, British Museum Catalogue, Hym. 4, p. 221. California.
procera *St. Farg.* Hym. 3, p. 376. *Dahlb.* Hymen. Europ. 1, p. 15. N. America.
sæva *Smith*, British Museum Catalogue, Hym. 4, p. 222. California.
urnaria *Klug.* *Dahlb.* Hymenoptera Europæa, 1, p. 14. S. Carolina. Pennsylvania.
violaceipennis *St. Farg.* Hyménoptères, 3, p. 370. Philadelphia.

CHALYBION *Dahlb.*

Zimmermanni *Dahlb.* Hymenoptera Europæa, 1, p. 22. South Carolina.

PELOPÆUS *Latr.*

abbreviatus *Fabr.* Syst. Piez. 204. *Dahlb.* (Ammophila) Hym. Eur. 1, 15. S. Car.
architectus *Klug.* *St. Farg.* Hyménoptères, 3, p. 313. New Orleans.
assimilis *Dahlb.* Hymenoptera Europæa, 1, p. 23. Cuba.
Canadensis *Smith*, British Museum Catalogue, Hym. 4, p. 223. Canada.
fasciatus *St. Farg.* Hyménoptères, 3, p. 315. *Smith*, Brit. Mus. Cat. St. Domingo.
figulus *Dahlb.* Hymenoptera Europæa, 1, p. 23. *Smith*, B. M. C. 4, 234. St. Domingo.
Servillei *St. Farg.* Hyménoptères, 3, p. 313. New Orleans.
Solieri *St. Farg.* Hyménoptères, 3, p. 318. Gandeloupe.

PODIUM *Fabr.*

luctuosum *Smith*, British Museum Catalogue, Hym. 4, p. 235. North Carolina.
opalinum *Smith*, British Museum Catalogue, Hym. 3, p. 236. Jamaica.
rufipes *Fabr.* Syst. Piez. p. 183. *Smith*, Brit. Mus. Cat. 4, p. 235. St. Domingo.

CHLORION *Fabr.*

cyaneum *Dahlb.* Hymenoptera Europæa, 1, p. 24. North America.

SPHEX *Linn.*

abdominalis *Drury*, Insects, 1, p. 108; tab. 45, fig. 2. Jamaica.
affinis *Fabr.* Entomologia Systematica, 2, p. 203. Americæ Insulis (West Indies?).
amethystina *Fabr.* Entomologia Systematica, 2, p. 210. St. Crucis.
apicalis *Harris.* *Smith*, British Museum Catalogue, Hym. 4, 262. Florida. Georgia.
argentata *Dahlb.* Hym. Europ. 1, p. 25. *Smith*, Brit. Mus. Cat. 4, 252. Florida.
atrata *St. Farg.* Hym. 3, 355. *Smith*, (Priononyx) Brit. Mus. Cat. North America.
Cæmentaria *Drury*, Insects, 1, p. 105; tab. 44, fig. 6. West Indies.
cærulea *Linn.* Systema Naturæ, 2, p. 941. *Drury*, Insects, 2, pl. 39, fig. 8. N. Amer.
cræsus *St. Farg.* Hyménoptères, 3, p. 351. North America.
cyaneum *Linn.* Systema Naturæ, 2, p. 941. North America.
dimidiata *St. Farg.* Hyménoptères, 3, p. 352. North America.
dorsalis *St. Farg.* Hym. 3, 347. *Smith*, Tr. Ent. Soc. Lond. 3 ser. 1, 36. Panama.
elegans *Smith*, British Museum Catalogue, Hym. 4, p. 262. California.
flavipes *Fabr.* Ent. Syst. 2, p. 202. *Smith*, (Pelopæus) B. M. C. 4. North America.
flavipes *Smith*, British Museum Catalogue, Hym. 4, p. 263. Georgia.
habona *Say*, Insects of Louisiana, p. 14. Louisiana.
heros *Fabr.* Ent. Syst. Suppl. p. 245. *Dahlb.* (Pepsis) Hymen. Europ. 1, p. 122. W. I.
ichneumonea *Linn.* Syst. Nat. 2, p. 959. *St. Farg.* Hym. 3, p. 346. North America.
instabilis *Smith*, British Museum Catalogue, Hym. 4, p. 263. North America.
jamaicensis *Fabr.* Entomologia Systematica, 2, p. 203. Jamaica.

labrosa Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
Lanierii Guér. Iconographie du Règne Animal, 3, p. 433; tab. 70, fig. 2. Cuba.
lunata Fabr. Entomologia Systematica, 2, p. 203. Americæ Insulis (West Indies?).
ornata St. Farg. Hyménoptères, 3, p. 344. Cuba.
pennsylvanica Linn. Systema Naturæ, 2, p. 941. Beauv. Ins. pl. 3, fig. 4. Penn.
petiolatus Drury, Insects, 2, p. 75; tab. 39, fig. 7. Jamaica.
Philadelphica St. Farg. Hyménoptères, 3, p. 340. Philadelphia.
plumipes Drury, Insects, 1, p. 104; tab. 44, fig. 5. New York.
rubra Drury, Insects, 2, p. 75; tab. 39, fig. 6. Antigua.
ruficornis Fabr. Entomologia Systematica, 2, p. 219. Beauv. Ins. pl. 2, f. 1. St. Dom.
rufipes St. Farg. Hyménoptères, 4, p. 343. Port-au-Prince.
singularis Smith, British Museum Catalogue, Hym. 4, p. 261. Honduras.
speciosus Drury, Insects, 2, p. 71; tab. 38, fig. 1. (North America.)
stellata Fabr. Ent. Syst. 2, p. 219. Beauv. Ins. p. 259; Hym. pl. 10, fig. 4. St. Dom.
Thomæ Fabr. Entomologia Systematica, 2, p. 199. St. Thomas.
tibialis St. Farg. Hyménoptères, 3, p. 339. Philadelphia.
tropica Linn. Systema Naturæ, 2, p. 945. Smith, (Pompilus) B. M. C. 3. N. Amer.
violaceipennis St. Farg. Hyménoptères, 3, p. 349. Philadelphia.

AMPULEX Jurine.

canaliculata Say, Western Quarterly Reporter, vol. 2, p. 76. Missouri.
pennsylvanicus Hald. Proceedings Academy Natural Sciences, Phila. 4, 203. Penn.

RHINOPSIS Westw.

Abbottii Westw. Arcana Entomologica, 2, p. 68; tab. 65, fig. 5. Georgia.

Fam. SCOLIADÆ.

MYZINE Latr.

flavipes Oliv. Encyclopédie Méthodique, Insects, 8, p. 136. Carolina.
hamatus Say, Boston Journal of Natural History, vol. 1, p. 300. Indiana.
nitida Smith, British Museum Catalogue, Hym. 3, p. 77. Jamaica.
proxima Guér. Diet. pitt. d'Hist. Nat. 5, p. 575. North America.

PLESIA Jurine.

analis Guér. Revue Zoologique, 1838, p. 58. Mexico.
fuliginosa St. Farg. Hyménoptères, 3, p. 581. Pennsylvania.
marginata Say, Western Quarterly Reporter, vol. 2, p. 75.
menecma St. Farg. Hyménoptères, 3, p. 583. Carolina.
Romandii Guér. Revue Zoologique, 1838, p. 59. St. Thomas.
sellata St. Farg. Hyménoptères, 3, p. 577. Iles d'Amerique (West Indies?).
sexmaculata Guér. Revue Zoologique, 1838, p. 57. Mexico.

MERIA Jurine.

collaris Say, Boston Journal of Natural History, vol. 1, p. 362. Indiana.
costata Say, Boston Journal of Natural History, vol. 1, p. 361. Indiana.

TIPHIA Latr.

- albilabris* *St. Farg.* Hyménoptères, 3, p. 556. California.
ephippium *Fabr.* Entomologia Systematica, 2, p. 225. *Smith*, B. M. C. 3. N. Amer.
flavipennis *St. Farg.* Hyménoptères, 3, p. 555. California.
hæmorrhoidalis *Fabr.* Ent. Syst. 2, p. 225. *Smith*, (Myzine) B. M. C. 3. N. Amer.
inornata *Say*, Long's Second Expedition, vol. 2, p. 331. Ohio. Pennsylvania.
interrupta *Say*, Long's Second Expedition, vol. 2, p. 332. Pennsylvania.
maculata *Fabr.* Entomologia Systematica, 2, p. 224. Georgia.
namea *Fabr.* Systema Piezatorum, p. 233. Carolina.
nitida *Smith*, British Museum Catalogue, Hym. 3, p. 84. Jamaica.
obscura *Fabr.* Systema Piezatorum, p. 233. Carolina.
serena *Fabr.* Systema Piezatorum, p. 234. Carolina.
tarda *Say*, Boston Journal of Natural History, vol. 1, p. 300. Indiana.
transversa *Say*, Contributions to Maclurian Lyceum, vol. 1, p. 82. Indiana.
trifasciata *Fabr.* Entomologia Systematica, 2, p. 226. St. Crucis.

SCOLIA Latr.

- Abbotii* *Klug*, Weber & Mohr. Beitr. 2, p. 213. N. Amer.
anceps *Sauss.* Ann. Soc. Ent. France, 3 sér. 6, p. 221. Mexico.
ardens *Smith*, British Museum Catalogue, Hym. 3, p. 112. Mexico.
atrata *Fabr.* Ent. Syst. 2, p. 228. *Beauv.* Ins. p. 258; Hym. pl. 10, f. 3. St. Domingo.
aulica *Burm.* Abh. Nat. Ges. Halle, 1, p. 33. *Smith*, Brit. Mus. Cat. 3. S. Carolina.
azteca *Sauss.* Rev. et Mag. de Zool. 1857, p. 281. Mexico.
bifasciata *Smith*, British Museum Catalogue, 3, p. 97. North America.
bimaculata *Fabr.* Entomologia Systematica, 2, p. 231. North America.
confluente *Say*, West. Quar. Rep. 2, p. 74. American Entomology, pl. 29. Arkansa.
dubia *Say*, Boston Journal of Natural History, vol. 1, p. 364. United States.
ephippium *Say*, Boston Journal of Natural History, vol. 1, p. 363. Mexico.
fervida *Burm.* Abh. Nat. Ges. Halle, 1, p. 20. *Smith*, Brit. Mus. Cat. 3. Mexico.
fossulana *Fabr.* Systema Piezatorum, p. 242. Carolina.
guttata *Burm.* Abh. Nat. Ges. Halle, 1, p. 36. *Smith*, Brit. Mus. Cat. 3. Mexico.
hæmatodes *Burm.* Abh. Nat. Ges. Halle, 1, p. 33. Mexico.
hæmatogaster *Pert.* Delect. etc. p. 139, tab. 27, fig. 14. West Indies?
limosa *Burm.* Abh. Nat. Ges. Halle, 1, p. 28. *Smith*, Brit. Mus. Cat. 3. Mexico.
maculata *Guér.* Voy. Coq. Zool. 2, pt. 2, p. 255. *Smith*, Brit. Mus. Cat. 3. Georgia.
Mexicana *Sauss.* Ann. Soc. Ent. France, 3 sér. 6, p. 219. Mexico.
Montezumæ *Sauss.* Rev. et Mag. Zool. 1857, p. 281. Mexico.
nobilitata *Fabr.* Systema Piezatorum, p. 244. Carolina.
obscura *Klug*, Weber & Mohr. Beitr. 1, 33. N. America.
octomaculata *Say*, West. Quar. Rep. 2, p. 74. American Entomology, plate 29. Ark.
ornata *Smith*, British Museum Catalogue, Hym. 3, p. 96. Georgia.
otomita *Sauss.* Ann. Soc. Ent. France, 3 sér. 6, p. 223. Mexico.
Petitii *Guér.* Voy. Coq. Zool. 2, pt. 2, p. 249. *Smith*, Brit. Mus. Cat. 3. Mexico.
4-maculata *Fabr.* Entomologia Systematica, 2, p. 229. North America.
4-notata *Fabr.* Systema Piezatorum, p. 240. Carolina.
radula *Fabr.* Entomologia Systematica, 2, p. 232. North America.
sexcincta *Fabr.* Ent. Syst. 2, p. 236. *St. Farg.* (Plesia) Hymén. 3, 584. Carolina.
tricincta *Say*, West. Quar. Rep. 2, p. 74. American Entomology, pl. 29.

undata Klug. Weber & Mohr. Beitr. 2, 212. *Smith*, Brit. Mus. Cat. 3. N. America.

ELIS Fabr.

americana Sauss. Revue et Magazin de Zoologie, 1857, p. 282. Mexico.

pilipes Sauss. Ann. Soc. Ent. France, 3 sér. 6, p. 246. Texas.

regina Sauss. ib. 237. Mexico.

texensis Sauss. ib. 224. Texas.

tolteca Sauss. Revue et Magazin de Zoologie, 1857, p. 282. Mexico.

COLPA St. Farg.

Pensylvanica St. Farg. Hyménoptères, 3, p. 546. Philadelphia.

SAPYGA Latr.

centrata Say, Boston Journal of Natural History, vol. 1, p. 301. United States.

Martini Smith, British Museum Catalogue, Hym. 3, p. 117. Hudson's Bay.

peptica Harris, Catalogue of the Insects of Massachusetts, 2nd edition.

subulata Say, Western Quarterly Reporter, vol. 2, p. 75. United States.

Fam. MUTILLIDÆ.

MUTILLA Linn.

andreniformis Smith, British Museum Catalogue, Hym. 3, p. 55. Mexico.

antiguensis Fabr. Entomologia Systematica, 2, p. 367. Antigua.

arachnoides Smith, British Museum Catalogue, Hym. 3, p. 57. Mexico.

Araneoides Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 35. Panama.

bifasciata Swed. Nov. Act. Holm. 8, 285. *Smith*, Brit. Mus. Cat. 3, 58. New York.

canina Smith, British Museum Catalogue, Hym. 3, p. 58. Mexico.

capitata Smith, ib. 58; pl. 1, fig. 3. Mexico.

coccinea Linn. Systema Naturæ, 2, p. 966. *Leach*, Miscellany, 2, p. 112. N. Amer.

combusta Smith, British Museum Catalogue, Hym. 3, p. 59. Mexico.

contracta Say, Boston Journal of Natural History, vol. 1, p. 295. Arkansa.

diadema Fabr. Systema Piezatorum, 429. *St. Farg.* Hym. 3, p. 619. St. Domingo.

dislocata Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

dorsata Fabr. Entomologia Systematica, Suppl. p. 281. West Indies.

dubitata Smith, British Museum Catalogue, Hym. 3, p. 60. Florida.

erythrina Say, Boston Journal of Natural History, 1, p. 297. Mexico.

exulans Fabr. Entomologia Systematica, 2, 368. *Smith*, Brit. Mus. Cat. 3. N. Am.

fenestrata St. Farg. Hyménoptères, 3, p. 627. Pennsylvania.

ferrugata Fabr. Systema Piezatorum, p. 438. Carolina.

frigida Smith, British Museum Catalogue, Hym. 3, p. 60. Arctic America.

gibbosa Say, Boston Journal of Natural History, 1, p. 298. Indiana.

hexagona Say, ib. 295. ib.

militaris Smith, British Museum Catalogue, Hym. 3, p. 61. Jamaica.

Montezumæ St. Farg. Hyménoptères, 3, p. 634. Mexico.

occidentalis Linn. Systema Naturæ, 2, p. 966. North America.

pennsylvanica *St. Farg.* Hyménoptères, 3, 628. Philadelphia.
pervaga *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
pulchra *Smith*, British Museum Catalogue. Hym. 3, p. 62. Mexico.
quadriguttata *Say*, Western Quarterly Reporter, vol. 2, p. 74. Rocky Mountains.
rufa *St. Farg.* Hyménoptères, 3, p. 631. Philadelphia.
serupea *Say*, Boston Journal of Natural History, vol. 1, p. 297. Indiana.
senex *Guér.* Iconographie due Règne Animal, 3, p. 429; tab. 69, fig. 4. Cuba.
simillima *Smith*, British Museum Catalogue. Hym. 3, p. 62. Massachusetts.
undulata *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
vagans *Fabr.* Entomologia Systematica, Suppl. p. 282. North America.
versicolor *Fabr.* Ent. Syst. 2, 371. *Smith*, Brit. Mus. Cat. 3, p. 63. Florida.
verticalis *Smith*, British Museum Catalogue. Hym. 3, p. 63. Mexico.
vestita *St. Farg.* Hyménoptères, 3, p. 634. Mexico.
vigilans *Say*, Boston Journal of Natural History, vol. 1, p. 296. Pennsylvania.
xanthocerata *Smith*, Trans. Ent. Soc. London, 3d ser. 1, p. 35. Panama.

MYRMOSA Latr.

unicolor *Say*, Long's Second Expedition, vol. 2, p. 331. North-west Territory.

METHOCA Latr.

bicolor *Say*, Boston Journal of Natural History, vol. 1, p. 299. Indiana.
Canadensis *Smith*, British Museum Catalogue. Hym. 3, p. 67. Canada.
pacalis *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
Pœyi *Guér.* Iconographie due Règne Animal, 3, 430. *LaSagra*, pl. 18, fig. 8. Cuba.

TENGYRA Latr.

stygia *Say*, Boston Journal of Natural History, vol. 1, p. 299. Indiana.

SCLERODERMA Westw.

contracta *Westw.* Trans. Ent. Soc. London, 2, p. 169, tab. 15, fig. 11. Carolina.
Mexicana *Westw.* ib. 169. Mexico.
thoracica *Westw.* ib. 167. North America.

LABIDUS Jurine.

Curtisii *Shuck.* (Tryphlopone) Ann. & Mag. Nat. Hist. 1 ser. 5, p. 265. West Indies?
Harrisii *Hald.* Stansb. Salt Lake Exped. Append. p. 367, pl. 9, fig. 4. Ft. Gates.
Kirbii *Shuck.* (Tryphlopone) Ann. & Mag. Nat. Hist. 1 ser. 5, p. 265. West Indies?
Klugii *Shuck.* ibid. 260. St. Vincent's.
Melshæmeri *Hald.* Stansb. Salt Lake Exped. Append. 368, pl. 9, fig. 7. Ft. Gates.
Mexicanus *Smith.* British Museum Catalogue. Hym. 7, p. 7. Mexico.
morosus *Smith.* ibid. 6. ib.
Saji *Hald.* Stansb. Salt Lake Exped. Append. p. 367, pl. 9, figs. 1-3. Ft. Gates.
Swainsonii *Shuck.* Ann. Mag. Nat. Hist. 1, 5, 201. *Smith*, B. M. C. 7, p. 8. Mexico.

Fam. FORMICIDÆ.

FORMICA Linn.

- albipennis* Fabr. Entomologia Systematica, 2, p. 354. St. Crucis.
albofasciata Smith, Trans. Entom. Soc. London, 3rd series, vol. 1, p. 29. Panama.
antiguensis Fabr. Entomologia Systematica, 2, p. 357. Antigua.
aphidicola Walsh, Proc. Entom. Soc. Philada. vol. 1, p. 310. Illinois.
arborea Smith, Brit. Mus. Cat. 6, 44. Tr. Ent. Soc. Lond. 3 ser. 1, 29. Panama.
atrata Linn. Syst. Nat. 2, 965. Sm. (Cryptocerus) Tr. Ent. Soc. Lond. 3 ser. 1, 35. Pan.
badia Latr. Histoire Naturelle des Fourmis, p. 238; pl. 9, fig. 71. Carolina.
bilobata Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
bimaculata Smith, British Museum Catalogue, Hym. 6, p. 50. St. Vincent's.
bispinosa Oliv. Encycl. 6, 502. Sm. (Polyrhachis) Tr. Ent. Soc. Lon. 3 ser. 1, 31. Pan.
brunnea Latr. Hist. Nat. Fourm. p. 169, pl. 6, fig. 35. Sm. B. M. C. 6, p. 7. Georgia.
Caryæ Fitch, 1st & 2nd Reports, p. 151. New York.
castanea Latr. Histoire Naturelle des Fourmis, p. 118; pl. 3, fig. 12. Carolina.
cephalotes Linn. Syst. Nat. 2, 964. Sm. (Ecodoma) B. M. C. 6, 180, pl. 10, f. 21. Mex.
conspicua Smith, British Museum Catalogue, Hym. 6, p. 48. Jamaica.
corusca Smith, Trans. Ent. Soc. London, 3d ser. 1, p. 30. Panama.
dislocata Say, Boston Journal of Natural History, vol. 1, p. 288. Indiana.
esuriens Smith, British Museum Catalogue, Hym. 6, p. 54. Mexico.
ferruginea Fabr. Ent. Syst. Suppl. p. 279. Smith, B. M. C. 6, 53. North America.
fervens Drury, Insects, 3, p. 58; tab. 42, fig. 3. Mosquito Shore (Central America).
fusca Linn. Syst. Nat. 2, 963. Kirby, Fauna Bor. Amer. 4, p. 262. North America.
hæmatoda Linn. Syst. Nat. 2, 965. Sm. (Odontomachus) Tr. Ent. Soc. Lon. 3, 1, 31. Pan.
hæmorrhoidalis Latr. Histoire Naturelle des Fourmis, p. 276. St. Domingo.
herculanea Linn. Systema Naturæ, 2, p. 962. North America.
hystrix Latr. Hist. Nat. Fourm. p. 229. LaSagra, Hist. Cuba, p. 755. Cuba.
imparis Say, Boston Journal of Natural History, vol. 1, p. 287. Indiana.
incisa Smith, British Museum Catalogue, Hym. 6, p. 52. Mexico.
incisuralis Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
integra Nyl. Smith, British Museum Catalogue, Hym. 6, p. 54. United States.
lævigata Smith, British Museum Catalogue, Hym. 3, p. 55. California.
lateralis Latr. Hist. Nat. Fourm. p. 172. Smith, B. M. C. 6, 52. North America.
latipes Walsh, Proc. Entom. Soc. Philada. vol. 1, p. 311. Illinois.
lauta Say, Boston Journal of Natural History, vol. 1, p. 286. Indiana.
melineura Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
mellea Say, Boston Journal of Natural History, vol. 1, p. 286. Louisiana.
melligera Lucas, Revue et Magazin de Zoologie, 1860, p. 275. Mexico.
nigra Linn. Smith, British Museum Catalogue, Hym. 6, p. 52. North America.
Novæboracensis Fitch, 1st & 2nd Reports, p. 62. New York.
pallide-fulva Latr. Histoire Naturelle des Fourmis, p. 174. United States.
Pennsylvanica DeGeer, Hist. Ins. 3, p. 603, pl. 31, figs. 9 & 10. Pennsylvania.
petulca Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
pubescens Fabr. Ent. Syst. 2, 352. Smith, Brit. Mus. Cat. 6, p. 11. Arctic America.
quadrata Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.

rufa Linn. Systema Naturæ, 2, p. 962. North America.
saccharivora Linn. Systema Naturæ, 2, p. 963. Smith, B. M. C. 6, 48. West Indies.
sanguinea Latr. Hist. Nat. Fourm. 150, pl. 5, f. 29. Sm. B. M. C. 6, 4. Arctic Amer.
semipunctata Kirby, Fauna Boreali-Americana, 4, p. 262. North America.
sericeiventris Guér. Voy. Coq. Zool. 2, 205. Smith, B. M. C. 6, 46. Mexico.
sessilis Say, Boston Journal of Natural History, vol. 1, p. 287. Indiana.
sexdentata Latr. Hist. Nat. Fourm. 228. Sm. (Ecodoma) B. M. C. 6, 183. St. Vin.
sexguttata Fabr. Entomologia Systematica, 2, 354. St. Cruis.
simillima Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 30. Panama.
striata Smith, ib ib 30. Panama.
subsericea Say, Boston Journal of Natural History, vol. 1, p. 289. Indiana.
triangularis Say, Boston Journal of Natural History, vol. 1, p. 288. Indiana.
umbrata Nyl. Addit. Mon. Form. Bor. Eur. 1049. Sm. B. M. C. 6, 52. N. America.
unispinosa Fabr. Ent. Syst. 2, 359. Latr. Fourm. p. 192, pl. 8, fig. 53. Gaudeloupe.
vagans Oliv. Encycl. 6, 501. Smith, (Eciton) B. M. C. 6, p. 151. Mexico.

MYRMECOCYSTUS Wesm.

Mexicanus Wesm. Bull. Acad. Brux. 1838, p. 770. Mexico.

TAPINOMA Först.

instabilis Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 31. Panama.

ODONTOMACHUS Latr.

clarus Roger, Berliner Entomol. Zeitschrift, 1861, p. 26. Texas.
insularis Guér. Iconographie du Règne Animal, 3, p. 423. Cuba.

PONERA Latr.

bicolor Guér. Iconographie du Règne Animal, 3, p. 424. Mexico.
ferruginea Smith, British Museum Catalogue, Hym. 6, p. 100. Mexico.
pedunculata Smith, B. M. C. 6, p. 96. Tr. Ent. Soc. Lond. 3 ser. 1, p. 31. Panama.
tornata Roger, Berliner Entomol. Zeitschrift, 1861, p. 15. Mexico.

LEPTOGENYS Roger.

falcata Roger, Berliner Entomol. Zeitschrift, 1861, p. 42. Cuba.

ECTATOMMA Smith.

scabrosa Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 31. Panama.

PACHYCONDYLA Smith.

Montezumia Smith, British Museum Catalogue, Hym. 6, p. 108. Mexico.
punctata Smith, British Museum Catalogue, Hym. 6, p. 108. St. Domingo.

TYPHLOPONE Westw.

Dahlbomii Westw. Annals & Magazine of Natural History, 6, p. 88. West Indies?
fulva Westw. ib ib 87. ib?
Shuckardi Westw. ib ib 88. ib?
pallipes Hald. Proceedings Academy Natural Sciences, Phila. 2, p. 54. Penn.

MYRMICA Latr.

- barbata* Smith, British Museum Catalogue, Hym. 6, p. 130. Mexico.
bicarinata Nyl. Addit. Mon. Form. Bor. Eur. 1061. *Sm.* B. M. C. 6, 130. California.
brevipennis Smith, British Museum Catalogue, Hym. 6, p. 130. Georgia.
corrugata Say, Boston Journal of Natural History, vol. 1, p. 291. Indiana.
dimidiata Say, Boston Journal of Natural History, vol. 1, p. 293.
glaber Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 34. Panama.
inflecta Say, Boston Journal of Natural History, vol. 1, p. 292. Indiana.
lineolata Say, Boston Journal of Natural History, vol. 1, p. 290. United States.
minuta Say, Boston Journal of Natural History, vol. 1, p. 294. Indiana.
molesta Say, Boston Journal of Natural History, vol. 1, p. 293. Indiana.
opposita Say, Boston Journal of Natural History, vol. 1, p. 292.
polita Smith, Trans. Entom. Soc. London, 3rd ser. 1, p. 34. Panama.
reticulata Smith, ib. 33. ib.
russula Nyl. Smith, British Museum Catalogue, Hym. 6, p. 132. St. Domingo.
Sallei Guér. Revue et Magazin de Zoologie, 1852, p. 76, pl. 3. St. Domingo.
transversa Smith, British Museum Catalogue, Hym. 6, p. 129. North America.

STIGMATOMMA Roger.

- serratum* Roger, Berliner Entomol. Zeitschrift, 1859, p. 251. Baltimore.

CREMATOGASTER Lund.

- Montezumia* Smith, British Museum Catalogue, Hym. 6, p. 139. Mexico.

MYRMEX Guér.

- Perbosci* Guér. Iconographie due Règne Animal, 3, p. 428. Bay of Campeche.

PSEUDOMYRMA Guér.

- bicolor* Guér. Icon. 427. Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 32. Panama.
cephalica Smith, ibid. 32. ib.
flavidula Smith, ibid. 32. ib.
modesta Smith, ibid. 32. ib.
pallida Smith, ibid. new ser. 3, p. 9. Florida.

ATTA St. Farg.

- clypeata* Smith, British Museum Catalogue, Hym. 6, p. 169. Mexico.
crudelis Smith, ibid. 170. Georgia.
insularis Guér. Iconographie Règne Animal, 3, 422. *LaSagra*, Cuba, t. 18, f. 6. Cuba.

ECODOMA Latr.

- Mexicana* Smith, British Museum Catalogue, Hym. 6, p. 185, pl. 10, fig. 20. Mexico.

CRYPTOCERUS Latr.

- araneolus* Smith, Annals of Natural History, 2nd series, 11, p. 336. St. Vincent's.
argentatus Smith, Tr. Ent. Soc. Lond. 2 ser. 2, 218. Brit. Mus. Cat. 6, 189. Mexico.
bimaculatus Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 411. Mexico.
minutus Fabr. Syst. Piez. p. 425. Smith, Tran. Ent. Soc. Lond. 3 ser. 1, 409. Panama.

Fam. EUCMENIDÆ.

ZETHUS Fabr.

- albopictus* Smith, British Museum Catalogue, Hym. 5, p. 15. St. Domingo.
aztecus Sauss. Revue et Magazin de Zoologie, 1857, p. 270. Mexico.
bicolor Sauss. Monog. des Guêpes Sol. p. 17. Florida.
chicotencatl Sauss. Revue et Magazin de Zoologie, 1857, p. 271. Mexico.
chrysopterus Sauss. Monog. des Guêpes Sol. p. 13, pl. 8, fig. 7. Mexico?
Gautemotzin Sauss. Revue et Magazin de Zoologie, 1857, p. 270. Mexico.
gracilis Smith, British Museum Catalogue, Hym. 5, p. 17. Mexico.
Jurinei Sauss. Monog. des Guêpes Sol. p. 15. St. Domingo?
lævinodus Smith, British Museum Catalogue, Hym. 5, p. 17. Mexico.
Matzicatzin Sauss. Revue et Magazin de Zoologie, 1857, p. 271. Mexico.
montezuma Sauss. ibid. 270. ib.
Pæyi Sauss. ibid. 270. Cuba.
spinosus Sauss. ibid. 270. Mexico.
spinipes Say, (Lethus) Boston Journal of Natural History, vol. 1, p. 387. Indiana.
tubulifer Westw. Sauss. Monog. des Guêpes Sol. p. 18. Mexico.
variegatus Sauss. ibid. 13. ib?
Westwoodi Sauss. ibid. 16; Suppl. pl. 6, fig. 2. Mexico.

DISCELIUS Latr.

- pulchellus* Sauss. Monog. des Guêpes Sol. Suppl. p. 127. Mexico. Jamaica.

EUMENES Latr.

- agilis* Sauss. Monog. des Guêpes Sol. p. 42. Smith, Brit. Mus. Cat. North America.
Americana Sauss. ibid. 39. Mexico.
anormis Say, Long's Second Expedition, vol. 2, p. 346. Arkansa.
aztecus Sauss. Revue et Magazin de Zoologie, 1857, p. 272. Mexico.
colona Sauss. Monog. des Guêpes Sol. p. 70. Jamaica.
compressus Sauss. ibid. Sup. 142, t. 7, f. 5. Smith, B. M. C. 5. N. Amer?
fervens Sauss. ibid. 40. New Orleans. Carolina.
fraterna Say, Long's Second Exped. 2, 344. Sauss. Guép. Sol. pl. 11, f. 8. U. States.
globulosus Sauss. Monog. des Guêpes Sol. Suppl. p. 139. North America.
infundibuliformis Fabr. Syst. Piez. p. 288. Smith, Brit. Mus. Cat. 5, 39. Mexico.
Iturbide Sauss. Revue et Magazin de Zoologie, 1857, p. 271. Mexico.
macrops Sauss. Monog. des Guêpes Sol. p. 41. North Carolina.
mexicanus Sauss. Revue et Magazin de Zoologie, 1857, p. 272. Mexico.
minuta Fabr. Syst. Piez. p. 291. Sauss. Mon. Guép. Sol. p. 39. North America.
ornatus Sauss. Monog. des Guêpes Sol. Suppl. p. 147; pl. 8, fig. 3. Antilles.
pensylvanica Hald. Proceedings Academy Natural Sciences, Phila. 6, p. 365. Penn.
picta Smith, British Museum Catalogue, Hym. 5, p. 32. St. Domingo.
placidus Smith, Trans. Ent. Soc. London. 3rd ser. 1, p. 37. Panama.
regulus Sauss. Revue et Magazin de Zoologie, 1857, p. 272. Mexico.
rufinoda Latr. Sauss. (Zethus) Mon. Guêpes Sol. Suppl. 118, pl. 6, fig. 3. W. Indies.
Smithii Sauss. Monog. des Guêpes Sol. p. 43, tab. 10, fig. 1. Florida.
substriata Hald. Proceed. Acad. Nat. Sci. Philada. 2, p. 54. (Pennsylvania.)
verticalis Say, Long's Second Expedition, vol. 2, p. 346. Pennsylvania.

PACHYMENES Sauss.

- obscura* Smith, British Museum Catalogue, Hym. 5, p. 34. Mexico.
santanna Sauss. Revue et Magazin de Zoologie, 1857, p. 252. Mexico.
ventricosa Sauss. Monog. des Guêpes Sol. p. 77, pl. 12, fig. 7. South Carolina.

MONTEZUMIA Sauss.

- cortesias* Sauss. Monog. des Guêpes Sol. p. 92; pl. 15, fig. 2. Mexico.
hausteca Sauss. Revue et Magazin de Zoologie, 1857, p. 271. Mexico.
Mexicana Sauss. Monog. des Guêpes Sol. p. 94. Mexico.
rufipes Sauss. Mon. Guép. Sol. 89, t. 15, f. 1. *Sm. Tr. Ent. Soc. Lon.* 3, 1, 37. Panama.

MONOBIA Sauss.

- egregia* Sauss. Mon. Guép. Sol. Sup. 168, t. 9, f. 5. *Smith, B. M. C.* 5. West Indies.

RYGCHIUM Spinola.

- balteatum* Say, Boston Journal of Natural History, vol. 1, p. 383. Indiana.
louisianum Sauss. Monog. des Guêpes Sol. p. 106, pl. 13, fig. 9. New Orleans.

ODYNERUS Latr.

- acoluus* Sauss. Revue et Magazin de Zoologie, 1857, p. 280. Mexico.
adiabatus Sauss. Monog. des Guêpes Sol. p. 138. Carolina.
albomarginatus Sauss. *ibid.* Suppl. p. 195. Hudson's Bay.
albophaleratus Sauss. *ibid.* 217. Arctic America.
Alvarado Sauss. Revue et Magazin de Zoologie, 1857, p. 276. Mexico.
ammonia Sauss. Monog. des Guêpes Sol. p. 144. Carolina.
annulatus Say, Long's Second Expedition, vol. 2, p. 348. North-west Territory.
Arista Sauss. (*Ancistrocerus*) Rev. et Mag. Zool. 1857, p. 274. Mexico.
atricornis Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
aztecus Sauss. Revue et Magazin de Zoologie, 1857, p. 275. Mexico.
auratus Sauss. *ibid.* 1858, p. 166. *ib.*
Bairdi Sauss. *ibid.* 169. Texas.
Bellone St. Farg. Hyménoptères, 2, p. 660. Sauss. Guép. Sol. pl. 16, f. 10. Carolina.
birenimaculatus Sauss. Monog. des Guêpes Soc. p. 135. Carolina.
Boscii St. Farg. Hyménoptères, 2, p. 637. Sauss. Guép. Sol. pl. 17, f. 10. Carolina.
brachygaster Sauss. Guép. Sol. p. 173. *LaSagra*, Hist. Cuba, pl. 19, fig. 6. Cuba.
Bravo Sauss. (*Ancistrocerus*) Revue et Magazin de Zoologie, 1857, p. 274. Mexico.
Bucu [ensis] Sauss. Guép. Sol. p. 185. *LaSagra*, Hist. Cuba, pl. 13, fig. 3. Cuba.
Bustamente Sauss. (*Ancistrocerus*) Rev. et Mag. de Zool. 1857, p. 273. Mexico.
campestris Sauss. Monog. des Guêpes Sol. p. 137. Carolina.
Canadensis Sauss. *ibid.* Suppl. p. 196. Canada.
capra Sauss. (*Ancistrocerus*) Rev. et Mag. Zool. 1857, 273. United States. Canada.
castigatus Sauss. Monog. des Guêpes Sol. p. 178. Carolina.
Catskill [ensis] Sauss. *ibid.* 136, pl. 16, fig. 8. North America.
Catepetlensis Sauss. *ibid.* Suppl. 255. Mexico.
chichimecus Sauss. Revue et Magazin de Zoologie, 1857, p. 280. Mexico.
cervus Sauss. *ibid.* 1858, p. 165. Canada.
conformis Sauss. Monog. des Guêpes Sol. Suppl. p. 219. New Orleans.
cubensis Sauss. *ibid.* 181, pl. 18, fig. 8. Cuba.
cristatus Sauss. *ibid.* Suppl. p. 196. North America?

- crypticus* Say, Western Quarterly Reporter, vol. 2, p. 81. Arkansa.
- Dædalus* Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
- debilis* Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
- diabolicus* Sauss. Mon. Guép. Sol. p. 171. Smith. Brit. Mus. Cat. 5. North America.
- distans* Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
- elegans* Guér. leonographie due Règne Animal, 3, p. 446, pl. 70, fig. 5. Cuba.
- Enyo* St. Farg. Hyménoptères, 2, p. 648. Cuba.
- Erynnis* St. Farg. ib. 645. Sauss. Mon. Guép. Sol. p. 178. Carolina.
- farias* Sauss. (Ancistrocerus) Rev. et Mag. Zool. 1857, 274. Mexico.
- figulus* Sauss. Monog. des Guêpes Sol. Suppl. p. 247. Gadeloupe.
- flavicornis* Harris, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
- flavopictus* Sauss. Rev. et Mag. Zool. 1857, p. 276. United States.
- foraminatus* Sauss. Monog. des Guêpes Sol. p. 180. Carolina.
- fulvipes* Sauss. ibid. Suppl. 205. Sm. B. M. C. 5, 81. Carolina.
- fuscipes* Sauss. ibid. 143. North America.
- Guadulpensis* Sauss. ibid. 182. Guadeloupe.
- Guzmani* Sauss. (Ancistrocerus) Rev. et Mag. Zool. 1857, p. 275. Mexico.
- Guerrero* Sauss. ibid. 277. ib.
- haustecus* Sauss. ibid. 278. ib.
- Hidalgo* Sauss. ibid. 275. ib.
- histrion* St. Farg. Hyménoptères, 2, p. 638. Carolina.
- Huro* Sauss. Monog. des Guêpes Sol. Suppl. p. 297. United States.
- incommodus* Sauss. ib. p. 143. LaSagra, Hist. Cuba. Cuba.
- Iturbide* Sauss. Revue et Magazin de Zoologie, 1857, p. 276. Mexico.
- leucomelas* Sauss. Monog. des Guêpes Sol. Suppl. p. 255. New York.
- luctuosus* Sauss. ibid. 220. South Carolina.
- maya* Sauss. Revue et Magazin de Zoologie, 1857, p. 279. Mexico.
- megæra* St. Farg. Hymén. 2, 636. Sauss. Guép. Sol. pl. 17, f. 11. Carolina.
- Mohicanus* Sauss. Monog. des Guêpes Sol. Suppl. p. 297. North America.
- Morelios* Sauss. Revue et Magazin de Zoologie, 1857, p. 276. Mexico.
- mystecus* Sauss. ibid. 279. ib.
- nasidens* Latr. Sauss. ibid. 1858, p. 165. ib.
- occidentalis* Sauss. ibid. 1857, p. 274. Sonora.
- otomitus* Sauss. ibid. 278. Mexico.
- oculatus* Say, Boston Journal of Natural History, vol. 1, p. 385. Ohio.
- Parredes* Sauss. (Ancistrocerus) Rev. et Mag. de Zool. 1857, p. 273. Mexico.
- perennis* Sauss. ibid. 277. United States.
- Peyroti* Sauss. ibid. 278. Mexico.
- Pensylvanicus* Sauss. Monog. des Guêpes Sol. Suppl. p. 257. Pennsylvania.
- persecutor* Sauss. ibid. 256, pl. 14, fig. 1. U. States.
- pertinax* Sauss. ibid. 216. New York.
- pedestris* Sauss. ibid. 206. Sm. B. M. C. 5, 82. N. A.
- Philadelphæ* Sauss. (Protodynurus) Rev. et Mag. de Zool. 1857, p. 272. Penn.
- pleuricincta* Harris, Catalogue of the Insects of Massachusetts, 2nd edition.
- productus* Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 37. Panama.
- proximus* Sauss. (Ancistrocerus) Rev. et Mag. de Zool. 1857, p. 274. New York.
- pruinus* Smith, British Museum Catalogue, Hym. 5, p. 79. St. Domingo.
- quadrisectus* Say, Boston Journal of Natural History, vol. 1, p. 385. United States.

- rugosus* *Sauss.* Monog. des Guêpes Sol. p. 179. North America.
sæcularis *Sauss.* ibid. 142. Carolina.
Santa Anna *Sauss.* (Ancistrocerus) Revue et Magazin de Zoologie, 1857, 273. Mex.
similis *Smith*, British Museum Catalogue, Hym. 5, p. 80. Mexico.
simplicicornis *Sauss.* Mon. Guêpes Sol. Suppl. 253. *LaSagra*, pl. 19, fig. 5. Cuba.
Spinolæ *Sauss.* ibid. 216. Philadelphia.
sobrinus *Sauss.* Revue et Magazin de Zoologie, 1857, p. 278. Mexico.
sulphureus *Sauss.* ibid. 1858, p. 170. California.
Sumichrasti *Sauss.* ibid. 1857, p. 275. Mexico.
symmorphus *Sauss.* Monog. Guêpes Sol. Suppl. 246. Florida.
Sylveiræ *Sauss.* ibid. p. 217, pl. 10, fig. 8. *Sm.* B. M. C. 5. Arctic Amer.
tapanecus *Sauss.* Revue et Magazin de Zoologie, 1857, p. 280. Mexico.
tigris *Sauss.* (Ancistrocerus) ibid. 273. Pennsylvania.
Tisiphone *St. Farg.* Hym. 2, 616. *Sauss.* Mon. Guêp. Sol. p. 183. Carolina?
toltecus *Sauss.* Revue et Magazin de Zoologie, 1857, p. 277. Mexico.
totonacus *Sauss.* ibid. 278. ib.
tuberculocephalus *Sauss.* Monog. des Guêpes Sol. p. 139, pl. 16, fig. 9. Mexico.
Tacubayæ *Sauss.* Revue et Magazin de Zoologie, 1857, p. 279. Mexico.
unifasciatus *Sauss.* Monog. des Guêpes Sol. p. 138. Carolina.
vagus *Sauss.* Revue et Magazin de Zoologie, 1857, p. 277. United States.
Victoria *Sauss.* ibid. 279. Mexico.

LEPTOCHILUS *Sauss.*

- denticulatus* *Sauss.* Revue et Magazin de Zoologie, 1855, p. 373. Mexico.
fallax *Sauss.* Monog. des Guêpes Sol. 234, pl. 20, f. 6. *Sm.* Brit. Mus. Cat. 5. N. Am.
ornatus *Sauss.* ibid. 236, pl. 20, fig. 4. Carolina.

PTEROCHILUS *Klug.*

- 5-fasciatus* *Say*, Long's Second Expedition, vol. 2, p. 347. North-west Territory.

Fam. VESPIDÆ.

POLISTES *Latr.*

- apachus* *Sauss.* Ann. Soc. Ent. France, 3 sér. 5, p. 314. New Mexico. Sonora.
areata *Say*, Boston Journal of Natural History, vol. 1, p. 388. Mexico.
aurifer *Sauss.* Monog. des Guêpes Soc. p. 78. California.
comanchus *Sauss.* Ann. Soc. Ent. Soc. France, 3 sér. 5, p. 314. New Mexico.
Cubensis *St. Farg.* Hyménoptères, 1, p. 526. Cuba.
exilis *Sauss.* Monog. des Guêpes Soc. p. 85, tab. 12, fig. 5. North America.
instabilis *Sauss.* ibid. 91, tab. 10, fig. 2, & tab. 11, fig. 1. Mexico.
major *Beauv.* Ins. Afr. et Amér. p. 206, Hym. tab. 8, fig. 1. St. Domingo.
media *Beauv.* ibid. 207, ib. 2. ib.
minor *Beauv.* ibid. 207, ib. 3. ib.
mellifica *Say*, Boston Journal of Natural History, vol. 1, p. 390. Mexico.
metrica *Say*, ib. p. 388. *Sauss.* Guêp. Soc. pl. 7, f. 4. U. States.
modestus *Smith*, Trans. Ent. Soc. London, 3rd ser. 1, p. 38. Panama.
oculatus *Smith*, British Museum Catalogue, Hym. 5, p. 111. Mexico.

pallipes *St. Farg.* Hym. 1, p. 530. *Sauss.* Mon. Guép. Soc. t. 12, f. 1-4. N. America.
parvula *Fabr.* Syst. Piez. p. 280. *Sauss.* (Polybia) Guép. Soc. p. 196. Mexico.
Pæyi *St. Farg.* Hyménoptères, 1, p. 532. Cuba.
promethea *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition.
rubiginosa *St. Farg.* Hyménoptères, 1, p. 524. Philadelphia.
valida *Say*, Boston Journal of Natural History, vol. 1, p. 389. Mexico.

VESPA Linn.

Americana *Fabr.* Ent. Syst. 2, 276. *Sauss.* (Polistes) Guép. Soc. 93, t. 11, f. 4 & 5. W. I.
annularis *Linn.* Syst. Nat. 2, 950. *Sauss.* ib. pl. 8, fig. 1. N. Amer.
apicalis *Fabr.* Syst. Piez. p. 260. *Sauss.* (Chartergus) Guép. Soc. p. 217. Mexico.
arenaria *Fabr.* Ent. Syst. 2, 258. *Sauss.* Monog. Guép. Soc. p. 134. N. America.
borealis *Kirby*, Fauna Boreali-Americana, 4, p. 264. North America.
Canadensis *Linn.* Syst. Nat. 2, p. 952. *Sauss.* (Polistes) Guép. Soc. t. 9, f. 1. N. Am.
carnifex *Fabr.* Ent. Syst. 2, p. 260. *Sauss.* ib. 90, t. 10, f. 5. W. Ind.
carolina *Linn.* Systema Naturæ, 2, 948. (Carolina.)
chartaria *Oliv.* Encycl. 6, 687. *Smith*, British Museum Catalogue, 5, 134. Mexico.
cincta *Drury*, Insects, vol. 1, p. 98; tab. 43, fig. 6. Virginia.
communis *Sauss.* Entomologische Zeitung, Stettin, 1857, p. 117. North America.
consobrina *Sauss.* Monog. des Guép. Soc. p. 141. Newfoundland.
cuneata *Fabr.* Systema Piezatorum, p. 258. Carolina.
diabolica *Sauss.* Monog. des Guép. Soc. p. 138. Philadelphia.
dorsalis *Fabr.* Entomologia Systematica, 2, p. 265. North America.
flavipes *Fabr.* Ent. Syst. 2, 273. *Sauss.* (Odynerus) Guép. Sol. 142, t. 16, f. 3. Carolina.
fraterna *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition. Mass.
germanica *Fabr.* Ent. Syst. 2, 256. *Sauss.* Guép. Soc. 117, pl. 14, f. 4. N. America.
inæqualis *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition.
infernalis *Sauss.* Monog. des Guép. Soc. p. 139. Philadelphia.
Jamaicensis *Drury*, Insects, vol. 1, p. 104, pl. 44, fig. 4. Jamaica.
lineata *Fabr.* Ent. Syst. 2, 259. *Sauss.* (Polistes) Guép. Soc. 95, pl. 11, fig. 6. W. I.
maculata *Linn.* Systema Naturæ, 2, p. 948. North America.
maculata *Drury*, Insects, vol. 2, p. 74, pl. 39, fig. 2. Jamaica.
maculifrons *Harris*, Catalogue of the Insects of Massachusetts, 2nd edition.
marginata *Kirby*, Fauna Boreali-Americana, 4, p. 265, t. 6, f. 2. North America.
Nestor *Fabr.* Entomologia Systematica, Suppl. p. 262. North America.
nigripennis *DeGeer*, Mém. Ins. 3, p. 582, pl. 29, fig. 10. Pennsylvania.
pennsylvanica *Sauss.* Entomologische Zeitung, Stettin, 1857, p. 117. North America.
phthisica *Fabr.* Ent. Syst. 2, p. 281. *Sauss.* (Polybia) Guép. Soc. 186. St. Thomas.
quadridens *Linn.* Syst. Nat. 2, 951. *Sauss.* (Monobia) ib. Sol. t. 16, f. 1. N. Amer.
serripes *Fabr.* Entomologia Systematica, 2, p. 266. North America.
signata *Linn.* Syst. Nat. 2, 952. *St. Farg.* (Monedula) Hymén. 3, 283. Cuba.
squamosus *Drury*, Insects, vol. 1, p. 98, pl. 43, fig. 7. New York.
sulphurea *Sauss.* Monog. des Guép. Soc. p. 137. California.
tibialis *Oliv.* Encyclopédie Méthodique, Ins. 6, p. 690. Georgia.
tricolor *Fabr.* Entomologia Systematica, 2, 271. Jamaica.
uncinata *Fabr.* Syst. Piez. p. 259. *St. Farg.* Hyménoptères, 2, p. 619. N. America.
versicolor *Oliv.* Encycl. 6, 692. *Smith*, Tr. Ent. Soc. Lon. 3rd ser. 1, 38. Panama.
vidua *Sauss.* Monog. des Guép. Soc. p. 136. Carolina.
vulgaris *Linn.* Syst. Nat. 2, 949. *Sauss.* Guép. Soc. pl. 14, fig. 3. North America.

SYNÆCA Sauss.

azurea Sauss. Ann. Soc. Ent. France, 2 sér. 10, p. 554. Guép. Soc. p. 160. Mexico.

POLYBIA St. Farg.

- Cubensis* Sauss. Monog. des Guêpes Soc. p. 202, tab. 25, figs. 5 & 6. Cuba.
fasciata Sauss. Guép. Soc. p. 182. Smith, Tr. Ent. Soc. Lon. 3rd ser. 1, 39. Panama.
fastidiosuscula Sauss. 197. Smith, ibid. 39. ib.
fuscicornis Sauss. 210. Smith, ibid. 39. ib.
flavitaris Sauss. Monog. des Guêpes Soc. p. 199. Smith, B. M. C. 5, pl. 5, f. 1. Cala.
laboriosa Sauss. ibid. 171. Mexico.
Mexicana Sauss. ibid. 203, pl. 26, fig. 6. Mexico.
metathoracica Sauss. 198, pl. 25, f. 1. Sm. Tr. Ent. Soc. Lon. 3, 1, 39. Panama.
pediculata Sauss. 205, pl. 26, f. 7. Sm. ibid. 39. ib.
pallidi-pectus Smith, British Museum Catalogue, Hym. 5, p. 128. Mexico.
simillima Smith, Trans. Entom. Soc. London, 3rd ser. 1, p. 39. Panama.
xanthopus Sauss. Monog. des Guêpes Soc. p. 190. Mexico.

TATUA Sauss.

Guerini Sauss. Monog. des Guêpes Soc. p. 215. Mexico.

NECTARINIA Shuck.

- analis* Shuck. Smith, Tran. Ent. Soc. London, 3rd ser. 1, p. 39. Panama.
Augusti Sauss. Monog. des Guêpes Soc. p. 233. Smith, Brit. Mus. Cat. 5. Mexico.
azteca Sauss. Revue et Magasin de Zoologie, 1857, p. 280. Mexico.

Fam. **ANDRENIDÆ.****COLLETES** Latr.

- inæqualis* Say, Boston Journal of Natural History, vol. 1, p. 391. Indiana.
mandibularis Smith, British Museum Catalogue, Hym. 1, p. 5. Georgia.
thoracica Smith. ibid. 5. Florida.

PROSOPIS Fabr.

- affinis* Smith, British Museum Catalogue, 1, p. 24. North America.
basalis Smith, ibid. 23. Hudson's Bay.
confluens Smith, ibid. 24. Florida.
elliptica Kirby, Fauna Boreali-Americana, 4, p. 266. North America.

SPHECODES Latr.

- confertus* Say, Boston Journal of Natural History, vol. 1, p. 392. Indiana.
dichroa Harris. Smith, British Museum Catalogue, Hym. 1, p. 38. U. States.

HALICTUS Latr.

- capitosus* Smith, British Museum Catalogue, Hym. 1, p. 67. Georgia. Florida.
confusus Smith, ibid. 70. Hudson's Bay.

- coriaceus* *Smith*, British Museum Catalogue, Hym. 1, p. 70. Nova Scotia.
crassicornis *Kirby*, Fauna Boreali-Americana, 4, p. 267. North America.
creberrimus *Smith*, British Museum Catalogue, Hym. 1, p. 72. North America.
dimidiatus *St. Farg.* Hyménoptères, 2, 283. North America?
discus *Smith*, British Museum Catalogue, Hym. 1, p. 70. North America.
farinosus *Smith*, *ibid.* 69. California.
fulvipes *Smith*, *ibid.* 67. Florida.
fuscipennis *Smith*, *ibid.* 67. ib.
gemmatus *Smith*, *ibid.* 65. Jamaica.
Hesperus *Smith*, Trans. Ent. Soc. London, 3d ser. 1, p. 40. Panama.
imitatus *Smith*, British Museum Catalogue, Hym. 1, p. 71. North America.
inconspicuus *Smith*, *ibid.* 73. ib.
lævissimus *Smith*, *ibid.* 72. Arctic America.
labrosus *Say*, Boston Journal of Natural History, vol. 1, p. 394. Mexico.
Lerouxii *St. Farg.* Hyménoptères, 2, p. 272. North America.
ligatus *Say*, Boston Journal of Natural History, vol. 1, p. 396. United States.
nymphalis *Smith*, British Museum Catalogue, Hym. 1, p. 68. Florida.
parallelus *Say*, Boston Journal of Natural History, 1, p. 397. Indiana.
pectoralis *Smith*, British Museum Catalogue, Hym. 1, p. 68. Florida.
pilosus *Smith*, *ibid.* 71. North America.
Pœyi *St. Farg.* Hyménoptères, 2, p. 271. Cuba.
purus *Say*, Boston Journal of Natural History, vol. 1, p. 395. United States.
radiatus *Say*, *ibid.* 394. Indiana.
similis *Smith*, British Museum Catalogue, Hym. 1, p. 69. Hudson's Bay.
subquadratus *Smith*, *ibid.* 72. New York.
splendens *St. Farg.* Hyménoptères, 2, p. 283. Carolina.
tricolor *St. Farg.* *ibid.* 289. North America.
Zephyrus *Smith*, British Museum Catalogue, Hym. 1, p. 68. Florida.

HYLÆUS *Fabr.*

- abdominalis* *Panz. Smith*, (*Halictus*) Brit. Mus. Cat. Hym. 1, p. 45. Nova Scotia.
flavipes *Fabr.* Ent. Syst. 2, p. 305. *Smith*, (*Halictus*) Brit. Mus. Cat. 1, 48. Ohio.
modestus *Say*, Boston Journal of Natural History, vol. 1, p. 392.

AUGOCHLORA *Smith.*

- aurata* *Smith*, British Museum Catalogue, Hym. 1, p. 82. Florida.
cuprea *Smith*, *ibid.* 79. North America.
fervida *Smith*. *ibid.* 81. ib.
festiva *Smith*. *ibid.* 80. Florida.
fulgida *Smith*, *ibid.* 79. ib.
gratiosa *Smith*. *ibid.* 80. Georgia.
lucidula *Smith*. *ibid.* 81. North America.
Regina *Smith*, *ibid.* 77. Jamaica.
splendida *Smith*. *ibid.* 79. Mexico.
sumptuosa *Smith*. *ibid.* 82. North America.
viridula *Smith*, *ibid.* 31. ib.

OXYSTOGLOSSA *Smith.*

- decorata* *Smith*, British Museum Catalogue, Hym. 1, p. 83. Jamaica.

AGAPOSTEMON Guérin.

- æruginosus* Smith, British Museum Catalogue, 1, p. 86. Florida.
nasutus Smith, ibid. 87. Mexico.
pulchra Smith, ibid. 87. California.
rhopalocera Smith, ibid. 87. Mexico.

NOMIA Latr.

- heteropoda* Say, Long's Second Expedition, vol. 2, p. 349. Arkansa. Maryland.

ANDRENA Fabr.

- algida* Smith, British Museum Catalogue, Hym. 1, p. 116. Hudson's Bay.
aliena Smith, ibid. 113. Florida.
bicolor Fabr. Ent. Syst. 2, 310. Smith, Brit. Mus. Cat. 1, 94. Nova Scotia.
bidentata Fabr. ib. 313. (Anthophora) Syst. Piez. p. 381. North America.
clypeata Smith, British Museum Catalogue, Hym. 1, p. 115. Florida.
desponsa Smith, ibid. 114. Nova Scotia.
femoralis Guér. Iconographie du Règne Animal, 3, p. 447; tab. 73. fig. 1. Cuba.
fimbriata Smith, British Museum Catalogue, Hym. 1, p. 116. United States.
fragilis Smith, ibid. 115. United States.
frigida Smith, ibid. 115. Nova Scotia.
fulvipennis Smith, ibid. 117. Florida.
hilaris Smith, ibid. 112. Georgia.
hirticeps Smith, ibid. 116. Hudson's Bay.
impuncta Kirby, Fauna Boreali-Americana, 4, p. 268. North America.
integra Smith, British Museum Catalogue, Hym. 1, p. 114. United States.
nigricornis Fabr. Entomologia Systematica, 2, p. 313. Georgia.
nivalis Smith, British Museum Catalogue, Hym. 1, p. 118. United States.
nubecula Smith, ibid. 117. U. States. N. Scotia.
obscuripennis Smith, ibid. 118. Georgia.
perplexa Smith, ibid. 118. ib.
placida Smith, ibid. 112. United States.
Pœyi Lucas. LaSagra, Histoire de l'île de Cuba, p. 775. Cuba.
simplex Smith, British Museum Catalogue, Hym. 1, p. 114. United States.
valida Say, Boston Journal of Natural History, vol. 1, p. 393.
vicina Smith, British Museum Catalogue, Hym. 1, p. 112. Nova Scotia.
victima Smith, ibid. 113. ib.

MELITTA Kirby.

- albicans* Kirby. Smith, (Andrena) British Museum Catalogue, 1, 98. N. Scotia.

SCRAPTER St. Farg.

- Andrenoides* Smith, British Museum Catalogue, Hym. 1, p. 121. Ohio.

CILISSA Leach.

- Americana* Smith, British Museum Catalogue, Hym. 1, p. 123. United States.

Fam. APIDÆ.

PANURGUS Panz.

8-maculatus Say, Long's Second Expedition, vol. 2, p. 350. United States.

PERDITA Smith.

halictoides Smith, British Museum Catalogue, Hym. 1, p. 128. North America.

CALLIOPSIS Smith.

andreniformis Smith, British Museum Catalogue, Hym. 1, p. 128. Florida.

flavifrons Smith, *ibid.* 129. *ib.*

flavipes Smith, *ibid.* 129. *ib.*

maculatus Smith, *ibid.* 129. *ib.*

MACROTERA Smith.

bicolor Smith, British Museum Catalogue, Hym. 1, p. 130. Mexico.

OSMIA Panz.

bucconis Say, Boston Journal of Natural History, vol. 1, p. 400. Indiana.

chalybea Smith, British Museum Catalogue, Hym. 1, p. 143. Florida.

frigida Smith, *ibid.* 142. Hudson's Bay.

lignaria Say, Boston Journal of Natural History, vol. 1, p. 399. United States.

simillima Smith, British Museum Catalogue, Hym. 1, p. 142. United States.

LITHURGUS Latr.

compressus Smith, British Museum Catalogue, Hym. 1, p. 147. United States.

gibbosus Smith, *ibid.* 147. *ib.*

MEGACHILE Latr.

acuta Smith, British Museum Catalogue, Hym. 1, p. 192. North America.

bidentata Smith, *ibid.* 190. Mexico.

binotata Guér. Iconographie Règne Animal, 3, 450. *LaSagra*, pl. 19, fig. 9. Cuba.

brevis Say, Boston Journal of Natural History, vol. 1, p. 407. Indiana.

bucephala Smith, British Museum Catalogue, Hym. 1, p. 193. United States.

emarginata Say, Long's Second Expedition, 2, p. 352. Missouri.

femorata Smith, British Museum Catalogue, Hym. 1, p. 188. United States.

flavitarisata Smith, *ibid.* 183. St. Vincent's.

frigida Smith, *ibid.* 193. North America.

interrupta Say, Long's Second Expedition, vol. 2, p. 351. Missouri.

jugatoria Say, *ibid.* 352. *ib.*

lanuginosa Smith, British Museum Catalogue, Hym. 1, p. 190. Florida.

latimanus Say, Western Quarterly Reporter, vol. 2, p. 81. Arkansa.

melanophæa Smith, British Museum Catalogue, Hym. 1, p. 191. North America.

morio Smith, *ibid.* 189. United States.

parallela Smith, *ibid.* 191. Georgia.

- Pœyi Guér.* Iconographie Règne Animal, 3, 450. *LaSagra*, Cuba, t. 19, f. 10. Cuba.
pollicaris Say, Boston Journal of Natural History, vol. 1, p. 406. Louisiana.
pruina Smith, British Museum Catalogue, Hym. 2, p. 190. United States.
pugnatus Say, Boston Journal of Natural History, vol. 1, p. 408. Indiana.
scrobiculata Smith, British Museum Catalogue, Hym. 2, p. 191. Ohio.
vidua Smith, ibid. 192. Nova Scotia.
xylocopoides Smith, ibid. 189. United States.

ANTHIDIUM Fabr.

- curvatum Smith*, British Museum Catalogue, Hym. 2, p. 215. Georgia.
dorsale St. Farg. Hyménoptères, 2, p. 384. Georgia.
maculatum Smith, British Museum Catalogue, Hym. 2, p. 216. Mexico.
maculifrons Smith, British Museum Catalogue, Hym. 2, p. 214. Mexico.
notatum Latr. Ann. du Mus. Hist. Nat. 13, p. 48 & 231. Carolina.
perplexum Smith, British Museum Catalogue, Hym. 2, p. 214. Georgia.

CHELOSTOMA Latr.

- albifrons Kirby*, Fauna Boreali-Americana, 4, p. 270. North America.
rugifrons Smith, British Museum Catalogue, Hym. 2, p. 220. Georgia.

CERATINA Latr.

- dupla Say*, Boston Journal of Natural History, vol. 1, p. 397. Indiana.
eximia Smith, Trans. Ent. Soc. London, 3rd ser. 1, p. 40. Panama.
læta Spin. Smith, ibid. 40. ib.
placida Smith, ibid. 41. ib.
punctulata Spin. Smith, ibid. 40. ib.

NOMADA Fabr.

- americana Kirby*, Fauna Boreali-Americana, 4, p. 269, pl. 6, fig. 3. North America.
annulata Smith, British Museum Catalogue, Hym. 2, p. 248. North America.
armata Sch. Smith, Annals of Natural History, 2nd series, 4, p. 438. N. Scotia.
articulata Smith, British Museum Catalogue, Hym. 2, p. 248. North America.
bisignata Say, Long's Second Expedition, vol. 2, p. 354. United States.
fervida Smith, British Museum Catalogue, Hym. 2, p. 247. Florida. Georgia.
imbricata Smith, ibid. 246. United States.
luteola St. Farg. Encyclopédie Méthodique, 8, p. 365. Carolina.
miniata Smith, British Museum Catalogue, Hym. 2, p. 250. Georgia.
pulchella Smith, ibid. 246. United States.
punctata Fabr. Entomologia Systematica, 2, p. 346. Canada.
rubicunda St. Farg. Encyclopédie Méthodique, 8, p. 365. Carolina.
sulphurata Smith, British Museum Catalogue, Hym. 2, p. 249. Georgia.
torrida Smith, ibid. 250. ib.
valida Smith, ibid. 246. Nova Scotia.
vineta Say, Boston Journal of Natural History, vol. 1, p. 401. Indiana.

EPEOLUS Latr.

- donatus Harris. Smith*, British Museum Catalogue, Hym. 2, p. 256. U. States.
fumipennis Say, Boston Journal of Natural History, 1, p. 403. Mexico.
lunatus Say, Long's Second Expedition, vol. 2, p. 354. Missouri.

mercatus Fabr. *Systema Piezatorum*, p. 389. Carolina.

4-fasciatus Say, *Western Quarterly Reporter*, vol. 2, p. 82. Arkansa.

scutellaris Say, *Long's Second Expedition*, 2, p. 355. United States.

zonatus Smith, *British Museum Catalogue*, Hym. 2, p. 257. Florida.

CÆLIOXYX Latr.

abdominalis Guér. *Iconographie Règne Animal*, 3, 453. *LaSagra*, t. 19, f. 11. Cuba.

alternata Say, *Boston Journal of Natural History*, vol. 1, p. 401. Indiana.

dubitata Smith, *British Museum Catalogue*, Hym. 2, p. 272. Florida.

funeraria Smith, *ibid.* 272. Canada.

modesta Smith, *ibid.* 271. United States.

8-dentata Say, *Long's Second Expedition*, 2, p. 353. United States.

rufipes Guér. *Iconographie due Règne Animal*, 3, p. 453, pl. 73, fig. 9. Cuba.

rufitarsus Smith, *British Museum Catalogue*, Hym. 2, p. 271. United States.

STELIS Panz.

fœderalis Smith, *British Museum Catalogue*, Hym. 2, p. 275. United States.

obesa Say, *Boston Journal of Natural History*, vol. 1, p. 398. Indiana.

MESOCHEIRA St. Farg.

azurea St. Farg. *Encyclopédie Méthodique*, 10, p. 106. Gaudaloupe.

MELECTA Latr.

remigata Fabr. *Systema Piezatorum*, p. 387. Carolina.

CHRYSANTHEDA Perty.

nitida Perty. Smith, *Trans. Ent. Soc. London*, 3rd ser. 1, p. 41. Panama.

EUCERA Fabr.

maculata St. Farg. *Hyménoptères*, 2, p. 129. North America.

MACROCERA Latr.

Americana St. Farg. *Hyménoptères*, 2, p. 92. Carolina.

bimaculata St. Farg. *Encyclopédie Méthodique*, 10, p. 528. Philadelphia.

binotata Say, *Boston Journal of Natural History*, 1, p. 404. Indiana.

Cajennensis St. Farg. *Hyménoptères*, 2, 94. Smith, *Brit. Mus. Cat.* 2. West Indies.

Lanierii Guér. *Iconographie due Règne Animal*, 3, p. 455, pl. 74, fig. 7. Cuba.

nigra St. Farg. *Hyménoptères*, 2, p. 112. Pennsylvania.

obliqua Say, *Boston Journal of Natural History*, vol. 1, p. 403. Indiana.

Pennsylvanica St. Farg. *Hyménoptères*, 2, p. 97. Pennsylvania.

Philadelphica St. Farg. *ib.* 110. *ib.*

pruinosa Say, *Boston Journal of Natural History*, vol. 1, p. 405. United States.

rustica Say, *ibid.* 406. Indiana.

TETRALONIA Spin.

atrifrons Smith. *British Muscum Catalogue*, Hym. 2, p. 308. North Carolina.

fulviventris Smith, *ibid.* 308. Mexico?

MELISSODES Latr.

<i>atriventris</i> Smith,	British Museum Catalogue, Hym. 2, p. 310.	North America?
<i>denticulata</i> Smith,	ibid.	311. United States.
<i>dentiventris</i> Smith,	ibid.	312. Georgia.
<i>desponsa</i> Smith,	ibid.	310. Ohio.
<i>manipularis</i> Smith,	ibid.	312. Georgia.
<i>nigripes</i> Smith,	ibid.	311. United States.
<i>rufo-dentata</i> Smith,	ibid.	314. St. Vincent's.
<i>senilis</i> Smith,	ibid.	311. Ohio.

XENOGLOSSA Smith.

fulva Smith, British Museum Catalogue, Hym. 2, p. 315. Mexico.

ANTHOPHORA Latr.

abrupta Say, Boston Journal of Natural History, vol. 1, p. 409. Indiana.
apicalis Guér. Iconographie du Règne Animal, 3, p. 455; tab. 74, fig. 4. Cuba.
bomboides Kirby, Fauna Boreali-Americana, 4, p. 271. North America.
Domingensis St. Farg. Hyménoptères, 2, p. 32. St. Domingo.
Floridana Smith, British Museum Catalogue, 2, p. 339. Florida.
frontata Say, Boston Journal of Natural History, 1, p. 409. Louisiana.
fuscipennis Smith, British Museum Catalogue, Hym. 2, p. 338. North America.
marginata Smith, ibid. 339. Mexico.
sponsa Smith, ibid. 339. United States.
taurea Say, Boston Journal of Natural History, vol. 1, p. 410. Indiana.
tricolor St. Farg. Hyménoptères, 2, p. 86. Gaudaloupe.

XYLOCOPA Latr.

caribea St. Farg. Hyménoptères, 2, p. 202. Guadalupe.
cubæcola Lucas. LaSagra, Histoire de l'île de Cuba, p. 776, pl. 19, fig. 8. Cuba.
lateralis Say, Boston Journal of Natural History, vol. 1, p. 413. Mexico.
micans St. Farg. Hyménoptères, 2, 208. Carolina.
tabaniformis Smith, British Museum Catalogue, Hym. 2, p. 362. Mexico.
vidua St. Farg. Hyménoptères, 2, p. 210. Carolina.

TETRAPEDIA Klug.

atripes Smith, British Museum Catalogue, Hym. 2, p. 366. Mexico.

CENTRIS Fabr.

aterrima Smith, British Museum Catalogue, Hym. 2, p. 378. Mexico.
carolina Fabr. Systema Piezatorum, p. 357. Carolina.
fasciata Smith, British Museum Catalogue, Hym. 2, p. 377. Jamaica.
Mexicana Smith, ibid. 378. Mexico.
pæcila St. Farg. Hyménoptères, 2, 154. Havana.

EULÆMA St. Farg.

Cajennensis St. Farg. Hym. 2, p. 14. Smith, (Euglossa) Brit. Mus. Cat. 2. Honduras.

EUGLOSSA Latr.

- analis* Westw. Smith, Trans. Ent. London, 3rd ser. 1, p. 41. Panama.
smaragdina Guér. Iconographie du Règne Animal, 3, 458. Bay of Campeche.

BOMBUS Latr.

- arcticus* Kirby, Parry's 1st Voyage, 1821, Append. p. cexvi. Arctic America.
borealis Kirby, Fauna Boreali-Americana, 4, p. 272. North America.
Californicus Smith, British Museum Catalogue, Hym. 2, p. 400. California.
Carriei Greene, Annals of the New York Lyceum, 7, p. 170. Washington Territory.
carolinus Fabr. Systema Piezatorum, p. 342. Carolina.
ephippiatus Say, Boston Journal Natural History, vol. 1, p. 414. Mexico.
frigidus Smith, British Museum Catalogue, Hym. 2, p. 399. Hudson's Bay.
Grœnlandicus Smith, ibid. 393. Greenland.
Huntii Greene, Annals of the New York Lyceum, 7, p. 172. Utah.
interruptus Greene, ibid. 11. Oregon.
Kirbiellus Curtis, Ross's 2nd Voyage, Append. p. lxii, pl. A, fig. 2. Arctic America.
laboriosus Fabr. Systema Piezatorum, p. 352. North America.
melanopyge Nyl. Notis. ur Sällsk. pro Faun. et Flor. Fenn. Förh. 1, 236. Sitka.
occidentalis Greene, Annals of the New York Lyceum, 7, p. 170. Puget's Sound.
ornatus Smith, British Museum Catalogue, Hym. 2, p. 398. North America.
pleuralis Nyl. Notis. ur Sällsk. pro Faun. et Flor. Fenn. Förh. 1, 231. Sitka.
Polaris Curtis, Ross's 2nd Voyage, Append. p. lxiii. Arctic America.
praticola Kirby, Fauna Boreali-Americana, 4, p. 274. North America.
Sitkensis Nyl. Notis. ur Sällsk. pro Faun. et Flor. Fenn. Förh. 1, p. 235. Sitka.
sonorus Say, Boston Journal of Natural History, vol. 1, p. 413. Mexico.
Suckleyi Greene, Annals of the New York Lyceum, 7, p. 169. Puget's Sound.
syllicola Kirby, Fauna Boreali-Americana, 4, p. 272. North America.
terricola Kirby, ibid. 273, pl. 6, fig. 4. North America.
ternarius Say, Boston Journal of Natural History, vol. 1, p. 414. Indiana.
vagans Smith, British Museum Catalogue, Hym. 2, p. 399. North America.
violaceus St. Farg. Hyménoptères, 1, p. 473. North America.

APATHUS Newm.

- citrinus* Smith, British Museum Catalogue, Hym. 2, p. 385. United States.
fraternus Smith, ibid. 385. North America.

MELIPONA Latr.

- fasciata* Latr. Magazin der Entomologie, 1, p. 115. Vera Cruz. Mexico.
fulvipeda Guér. Icon. Règ. An. 3, 461, pl. 75, fig. 5. Pocy, (Trigona) Hist. Cuba, 142.
fulvipes Guér. ibid. 462, pl. 75, fig. 6. Cuba.

TRIGONA Jurine.

- bilineata* Say, Boston Journal of Natural History, vol. 1, p. 414. Mexico.
fulviventris Guér. Iconographie du Règne Animal, 3, p. 464. Mexico.
laboriosa Smith, Trans. Entom. Soc. London, 3rd ser. 1, p. 42. Panama.
ligata Say, Boston Journal of Natural History, vol. 1, p. 415. Mexico.
mellarius Smith, Trans. Entom. Soc. London, 3rd ser. 1, p. 42. Panama.
mexicana Guér. Iconographie du Règne Animal, 3, p. 464. Mexico.

APIS Linn.

- alpina* Linn. Syst. Nat. 2, 961. *O. Fabr.* Fauna Grœnlandica, p. 199. Greenland.
amalthœa Fabr. Syst. Piez. 371. *Sm.* (Trigona) Tr. Ent. Soc. Lon. 3d ser. 1, 41. Pan.
americanorum Fabr. Ent. Syst. 2, 319. *Smith*, Brit. Mus. Catal. 2. North America.
annularis Drury, Insects, vol. 2, p. 71, pl. 37, fig. 7. New York.
antiguensis Fabr. Entomologia Systematica, 2, p. 318. Antigua.
atrata Fabr. Entomologia Systematica, Suppl. p. 275. North America.
carolina Linn. Systema Naturæ, 2, 959. Carolina.
centuncularis Linn. *Smith*, (Megachile) Brit. Mus. Catal. 1, 149. North America.
cordata Linn. *Smith*, (Euglossa) Trans. Ent. Soc. Lond. 3rd ser. 1, p. 41. Panama.
Derhamella Kirby, Mon. Ap. Angl. 2, 363. (Bombus) Faun. Bor. Am. 273. N. Am.
disjuncta Fabr. Ent. Syst. 2, 328. *Kirby*, (Anthophora) Illig. Mag. 5, 114. W. Ind.
elata Fabr. Entomologia Systematica, Suppl. 2, p. 274. North America.
fervida Fabr. Entomologia Systematica, Suppl. 2, p. 274. North America.
globosa Fabr. Ent. Syst. 2, 333. *Kirby*, (Megillia) Illig. Mag. 5, 142. West Indies.
griseocollis DeGeer, Mém. Ins. 3, p. 576, pl. 28, figs. 13 & 14. Pennsylvania.
grossa Drury, Insects, vol. 1, p. 108, pl. 45, fig. 3. Jamaica.
hæmorrhoidalis Fabr. Ent. Syst. 2, 339. *Smith*, (Centris) Brit. Mus. Cat. 2. St. Dom.
holosericea Fabr. Ent. Syst. 2, 336. *Kirby*, (Anthophora) Illig. Mag. 5, 113. W. Ind.
hortorum Linn. Syst. Nat. 2, 960. *Sm.* (Bombus) Ent. Annual, 1857, 30. Brit. Am.
marylandica Fabr. Entomologia Systematica, Suppl. 2, p. 273. (N. America.)
mellifica Linn. Systema Naturæ, 2, p. 955. (North America.)
mexicana Linn. Systema Naturæ, 2, p. 953. (Mexico.)
nidulans Fabr. Entomologia Systematica, Suppl. 2, p. 274. North America.
noveboracensis Forst. Novæ Species Insectorum, 1, p. 93. North America.
Pensylvanica DeGeer, Mém. Ins. 3, 575, pl. 28, fig. 12. Pennsylvania.
quadridentata Linn. Syst. Nat. 2, 958. *Smith*, (Cœlioxyys) B. M. C. 2. United States.
rubicundus Christ. Kîrb. (Halictus) Fauna Boreali-Americana, 4, 267. N. America.
ruficornis Linn. Syst. Nat. 2, 958. *Smith*, (Nomada) B. M. C. 2, 238. North America.
rufipennis Fabr. Ent. Syst. 2, 335. *St. Farg.* (Megachile) Hymén. 2, 334. N. Amer.
sericea Forst. Novæ Species Insectorum, 1, p. 91. North America.
varians Rossi. Kirby, (Andrena) Fauna Boreali-Americana, 4, p. 268. N. America.
versicolor Fabr. Ent. Syst. 2, 340. *St. Farg.* (Centris) Hym, 2, p. 154. Guadaloupe.
vespiformis Forst. Novæ Species Insectorum, 1, p. 92. North America.
viridula Fabr. Ent. Syst. 2, 342. (Megilla) Syst. Piez. p. 333. North America.
virginica Fabr. Entomologia Systematica, 2, p. 318. North America.
virginica Drury, Insects, vol. 1, p. 96: tab. 43, fig. 1. Virginia.

ADDITIONS.

Fam. TENTHREDINIDÆ.

TRICHIOSOMA Leach.

bicolor Harris. Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 150. Massachusetts.

ZARÆA Leach.

inflata Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 151. Connecticut.

SELANDRIA Leach.

flavipes Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 222. Connecticut.

fumipennis Norton, *ibid.* 222. *ib.*

inhabilis Norton, *ibid.* 220. Massachusetts.

rubi Harris. Norton, *ibid.* 221. Conn. Mass. Ohio.

rudis Norton, *ibid.* 221. Maine.

rufula Norton, *ibid.* 221. Connecticut.

tiliæ Norton, *ibid.* 221. *ib.*

ALLANTUS Panz.

excavatus Norton, Proc. Entom. Soc. Phila. 1, p. 143. Maryland.

MACROPHYA Dahlb.

pluricinctus Norton, Proc. Bost. Soc. Nat. Hist. 9, p. 118. California.

TAXONUS Meg.

dubitatus Norton, Proc. Bost. Soc. Nat. Hist. 9, p. 119. Conn. Mass.

nigrisoma Norton, *ibid.* 119. Massachusetts.

unicinctus Norton, *ibid.* 119. Connecticut.

STRONGYLOGASTER Dahlb.

multicinctus Norton, Proc. Entom. Soc. Phila. 1, p. 143. Virginia.

multicolor Norton, Proc. Bost. Soc. Nat. Hist. 9, p. 120. Maryland.

unicus Norton, *ibid.* 120. New York.

TENTHREDO Linn.

californicus Norton, Proc. Entom. Soc. Phila. 1, p. 198. California.

14-punctatus Norton, *ibid.* 143. Virginia.

nigro-fasciata Esch. Entomographien, 1822, p. 96. Unalaschka, Russian America.

subcærulea Esch. *ibid.* 96. *ib.* *ib.*

semiluteus Norton, Proc. Bost. Soc. Nat. Hist. 9, 121. Conn. Penn.

DOSYTHEUS Leach.

abdominalis Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 153. Maine.

Aprilis Norton, *ibid.* 152. Conn. Maine.

maculicollis Norton, *ibid.* 153. New York.

similis Norton, *ibid.* 153. Conn. Maine.

Tejoniensis Norton, *ibid.* 151. California.

EMPHYTUS Leach.

- maculatus* Norton, Proc. Bost. Soc. Nat. Hist. 8, 157. Connecticut.
testaceus Norton, *ibid.* 156. Pennsylvania.
varianus Norton, *ibid.* 156. Connecticut.

FENUSA Leach.

- curtus* Norton, Proc. Entom. Soc. Phila. 1, p. 199. Pennsylvania.

NEMATUS Leach.

- bivittatus* Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 158. Massachusetts.
corniger Norton, *ibid.* 159. Connecticut.
extensicornis Norton, *ibid.* 159. New Hampshire.
crassus Esch. Entomographien, 1822, p. 97. Unalashka, Russian America.
longicornis Esch. *ibid.* 98. *ib.* *ib.*
luteotergum Norton, Proc. Bost. Soc. Nat. Hist. 8, p. 161. Maine.
nigritus Norton, *ibid.* 160. Connecticut.
obscurus Norton, *ibid.* 161. Massachusetts.
proximatus Norton, *ibid.* 119. Massachusetts.

CRÆSUS Leach.

- latitarsus* Norton, Proc. Entom. Soc. Phila. 1, p. 199. Pennsylvania.

EUURA Newm.

- orbitalis* Norton, Proc. Entom. Soc. Phila. 1, p. 144. Conn. New York.

LYDA Fabr.

- abdominalis* Norton, Proc. Entom. Soc. Phila. 1, p. 199. Pennsylvania.
fasciata Norton *ibid.* 200. Pennsylvania.
semicinctus Norton, *ibid.* 144. Virginia.

XYELA Dalm.

- tricolor* Norton, Proc. Entom. Soc. Phila. 1, p. 144. Kansas.

Fam. URO CERIDÆ.

XIPHYDRIA Latr.

- attenuatus* Norton, Proc. Entom. Soc. Phila. 1, p. 144. Pennsylvania.

Fam. CYNIPIDÆ.

CYNIPS Linn.

- lignicola* Osten Sacken, (Synergus?) Proc. Ent. Soc. Phila. 1, p. 252. Washington.
pezomachoides Osten Sacken, *ibid.* 250. Baltimore.
quercus coccineæ Osten Sacken, *ibid.* 243. Washington.

<i>quercus cornigera</i>	<i>Osten Sacken</i> , Proc. Ent. Soc. Phila. 1, p. 251.	Washington, D. C.
<i>quercus inanis</i>	<i>Osten Sacken</i> ,	ibid. 242. ib.
<i>quercus juglans</i>	<i>Osten Sacken</i> ,	ibid. 255. ib.
<i>quercus operator</i>	<i>Osten Sacken</i> ,	ibid. 257. ib.
<i>quercus spongifica</i>	<i>Osten Sacken</i> ,	ibid. 244. ib.
<i>quercus strobilana</i>	<i>Osten Sacken</i> ,	ibid. 254. ib.

Fam. EVANIIDÆ.

LEPTOFÆNUS Smith.

peleciniiformis *Smith*, Trans. Ent. Soc. London, 3rd ser. 1, p. 43. Panama.

MEGISCHUS Brullé.

niger *Smith*, Trans. Ent. Soc. London, 3rd ser. 1, p. 44. Panama.

Fam. ICHNEUMONIDÆ.

PEZOMACHUS Gr.

minimus *Walsh*, Insects injurious to Vegetation in Illinois, p. 36, figs. 6 & 7.

Thripites *Taylor*, American Agriculturist, New York, October, 1860, p. 300, fig. 3.

AMITUS Hald.

aleurodinus *Hald.* Silliman's American Journal of Science, 2nd ser. 9, 110. Penn.

corni *Hald.* ibid. 109. Penn.

ERETMOCERUS Hald.

corni *Hald.* Silliman's American Journal of Science, 2nd ser. 9, p. 111. Penn.

MICROGASTER Latr.

Oleracea *Taylor*, American Agriculturist, New York, October, 1860, p. 301, fig. 5.

Fam. CHALCIDIDÆ.

SMIERA Spinola.

transitiva *Walker*, Trans. Entom. Soc. London, 3rd ser. 1, p. 371. Florida.

CHALCIS Fabr.

comitator *Walker*, Trans. Entom. Soc. London, 3rd ser. 1, p. 350. Mexico.

pendator *Walker*, ibid. 351. St. Domingo.

restituta *Walker*, ibid. 351. Jamaica.

PERILAMPUS Latr.

gloriosus *Walker*, Trans. Entom. Soc. London, 3rd ser. 1, p. 375. Mexico.

Fam. CHRYSIDÆ.

HOLOPHYGA Dahlb.

Dohrni *Dahlb.* Hymenoptera Europæa, 2, p. 48, pl. 3, fig. 56. New York. Cuba.

HEDYCHRUM Latr.

Duponti *Dahlb.* Hymenoptera Europæa, p. 83. Mexico.

Zimmermanni *Dahlb.* ib. 61. New Jersey.

CHRYISIS Linn.

hilaris *Dahlb.* Hymenoptera Europæa, 2, p. 103. New York.

inæquidens *Dahlb.* ib. 334. ib.

parvula *Dahlb.* ib. 191, pl. 10, fig. 106. S. Carolina. Mex.

violacea *Dahlb.* ib. 316. North America.

Fam. CRABRONIDÆ.

OXYBELUS Latr.

uniglumis *Dahlb.* Hymenoptera Europæa, 1, p. 273. Carolina.

TRYPOXYLON Latr.

fugax *Fabr. Syst. Piez.* p. 182. *Dahlb.* Hymenoptera Europæa, 1, p. 509. Mexico.

CRABRO Fabr.

impressifrons *Smith*, British Museum Catalogue, Hym. 4, p. 417. Pennsylvania.

CERCERIS Latr.

cineta *Klug. Dahlb.* Hymenoptera Europæa, 1, p. 204. North America.

ANTHOPHILUS Dahlb.

gibbosus *Dahlb.* Hymenoptera Europæa, 1, p. 192. Carolina.

Fam. LARRIDÆ.

TACHYTES Panz.

murina *Dahlb.* Hymenoptera Europæa, 1, p. 132. North America.